

SEQUENCE LISTING

<110> Biogen Idec MA Inc.
Kalled, Susan
Rao, Sambasiva

<120> Therapeutic regimens for BAFF antagonists

<130> 08201.0042-00304

<150> 60/512,880

<151> 2003-10-20

<160> 6

<170> PatentIn version 3.1

<210> 1

<211> 186

<212> PRT

<213> Human

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> None, or any amino acid

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Methionine, none, or any amino acid

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<221> MISC_FEATURE

<222> (21)..(21)

<223> valine (wild type), asparagine, or another amino acid

<220>

<221> MISC_FEATURE

<222> (28)..(28)

<223> lysine (wild type), proline, or another amino acid

<220>

<221> MISC_FEATURE

<222> (47)..(47)

<223> None, any amino acid, or alanine

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Xaa Xaa Arg Arg Gly Pro Arg Ser Leu Arg Gly Arg Asp Ala Pro Ala
1 5 10 15

Pro Thr Pro Cys Xaa Pro Ala Glu Cys Phe Asp Xaa Leu Val Arg His
20 25 30

Cys Val Ala Cys Gly Leu Leu Arg Thr Pro Arg Pro Lys Pro Xaa Ala
35 40 45

Gly Ala Ser Ser Pro Ala Pro Arg Thr Ala Leu Gln Pro Gln Glu Ser
50 55 60

Val Gly Ala Gly Ala Gly Glu Ala Ala Leu Pro Leu Pro Gly Leu Leu
65 70 75 80

Phe Gly Ala Pro Ala Leu Leu Gly Leu Ala Leu Val Leu Ala Leu Val
85 90 95

Leu Val Gly Leu Val Ser Trp Arg Arg Arg Gln Arg Arg Leu Arg Gly
100 105 110

Ala Ser Ser Ala Glu Ala Pro Asp Gly Asp Lys Asp Ala Pro Glu Pro
115 120 125

Leu Asp Lys Val Ile Ile Leu Ser Pro Gly Ile Ser Asp Ala Thr Ala
130 135 140

Pro Ala Trp Pro Pro Pro Gly Glu Asp Pro Gly Thr Thr Pro Pro Gly
145 150 155 160

His Ser Val Pro Val Pro Ala Thr Glu Leu Gly Ser Thr Glu Leu Val
165 170 175

Thr Thr Lys Thr Ala Gly Pro Glu Gln Gln
180 185

<210> 2
<211> 321
<212> PRT
<213> Human

<220>
<221> MISC_FEATURE
<222> (41)..(41)
<223> Valine, asparagine, or another amino acid

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<222> (48)..(48)
<223> Lysine (wild type), proline, or another amino acid

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<221> MISC_FEATURE
<222> (67)..(67)
<223> none, any amino acid, or alanine

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Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Leu Trp Val Pro
1 5 10 15

Gly Ser Thr Gly Asp Val Arg Arg Gly Pro Arg Ser Leu Arg Gly Arg
20 25 30

Asp Ala Pro Ala Pro Thr Pro Cys Xaa Pro Ala Glu Cys Phe Asp Xaa
35 40 45

Leu Val Arg His Cys Val Ala Cys Gly Leu Leu Arg Thr Pro Arg Pro
 50 55 60

Lys Pro Xaa Ala Gly Ala Ser Ser Pro Ala Pro Arg Thr Ala Leu Gln
 65 70 75 80

Pro Gln Glu Ser Val Gly Ala Gly Ala Gly Glu Ala Ala Val Asp Lys
 85 90 95

Thr His Thr Ser Pro Pro Ser Pro Ala Pro Glu Leu Leu Gly Gly Pro
 100 105 110

Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser
 115 120 125

Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp
 130 135 140

Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn
 145 150 155 160

Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val
 165 170 175

Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu
 180 185 190

Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys
 195 200 205

Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
 210 215 220

Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr
 225 230 235 240

Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
 245 250 255

Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu
 260 265 270

Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys
 275 280 285

Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu
 290 295 300

Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly
 305 310 315 320

Lys

<210> 3
 <211> 175
 <212> PRT
 <213> murine

<400> 3

Met Gly Ala Arg Arg Leu Arg Val Arg Ser Gln Arg Ser Arg Asp Ser
 1 5 10 15

Ser Val Pro Thr Gln Cys Asn Gln Thr Glu Cys Phe Asp Pro Leu Val
 20 25 30

Arg Asn Cys Val Ser Cys Glu Leu Phe His Thr Pro Asp Thr Gly His
 35 40 45

Thr Ser Ser Leu Glu Pro Gly Thr Ala Leu Gln Pro Gln Glu Gly Ser
 50 55 60

Ala Leu Arg Pro Asp Val Ala Leu Leu Val Gly Ala Pro Ala Leu Leu
 65 70 75 80

Gly Leu Ile Leu Ala Leu Thr Leu Val Gly Leu Val Ser Leu Val Ser
 85 90 95

Trp Arg Trp Arg Gln Gln Leu Arg Thr Ala Ser Pro Asp Thr Ser Glu
 100 105 110

Gly Val Gln Gln Glu Ser Leu Glu Asn Val Phe Val Pro Ser Ser Glu
 115 120 125

Thr Pro His Ala Ser Ala Pro Thr Trp Pro Pro Leu Lys Glu Asp Ala
 130 135 140

Asp Ser Ala Leu Pro Arg His Ser Val Pro Val Pro Ala Thr Glu Leu
 145 150 155 160

Gly Ser Thr Glu Leu Val Thr Thr Lys Thr Ala Gly Pro Glu Gln
 165 170 175

<210> 4
 <211> 316
 <212> PRT
 <213> Murine

<400> 4

Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Leu Trp Val Pro
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Gly Ser Thr Gly Asp Val Gly Ala Arg Arg Leu Arg Val Arg Ser Gln

20 25 30
 Arg Ser Arg Asp Ser Ser Val Pro Thr Gln Cys Asn Gln Thr Glu Cys
 35 40 45
 Phe Asp Pro Leu Val Arg Asn Cys Val Ser Cys Glu Leu Phe His Thr
 50 55 60
 Pro Asp Thr Gly His Thr Ser Ser Leu Glu Pro Gly Thr Ala Leu Gln
 65 70 75 80
 Pro Gln Glu Gly Ser Ala Leu Val Asp Val Pro Arg Asp Cys Gly Cys
 85 90 95
 Lys Pro Cys Ile Cys Thr Val Pro Glu Val Ser Ser Val Phe Ile Phe
 100 105 110
 Pro Pro Lys Pro Lys Asp Val Leu Thr Ile Thr Leu Thr Pro Lys Val
 115 120 125
 Thr Cys Val Val Val Asp Ile Ser Lys Asp Asp Pro Glu Val Gln Phe
 130 135 140
 Ser Trp Phe Val Asp Asp Val Glu Val His Thr Ala Gln Thr Gln Pro
 145 150 155 160
 Arg Glu Glu Gln Phe Asn Ser Thr Phe Arg Ser Val Ser Glu Leu Pro
 165 170 175
 Ile Met His Gln Asp Trp Leu Asn Gly Lys Glu Phe Lys Cys Arg Val
 180 185 190
 Asn Ser Ala Ala Phe Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Thr
 195 200 205
 Lys Gly Arg Pro Lys Ala Pro Gln Val Tyr Thr Ile Pro Pro Pro Lys
 210 215 220
 Glu Gln Met Ala Lys Asp Lys Val Ser Leu Thr Cys Met Ile Thr Asp
 225 230 235 240
 Phe Phe Pro Glu Asp Ile Thr Val Glu Trp Gln Trp Asn Gly Gln Pro
 245 250 255
 Ala Glu Asn Tyr Lys Asn Thr Gln Pro Ile Met Asp Thr Asp Gly Ser
 260 265 270
 Tyr Phe Val Tyr Ser Lys Leu Asn Val Gln Lys Ser Asn Trp Glu Ala
 275 280 285
 Gly Asn Thr Phe Thr Cys Ser Val Leu His Glu Gly Leu His Asn His

290

295

300

His Thr Glu Lys Ser Leu Ser His Ser Pro Gly Lys
305 310 315

<210> 5
<211> 11
<212> PRT
<213> Artificial

<220>
<223> Peptide

<400> 5

Cys His Trp Asp Leu Leu Arg His Trp Val Cys
1 5 10

<210> 6
<211> 7
<212> PRT
<213> human

<400> 6

Ser Ser Pro Ala Pro Arg Thr
1 5